

ON-SITE SUPPORT FACILITIES AT SA-2 SAM SITES

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INTRODUCTION

This report has been prepared in response to CIA requirement C-RR4-81,071, which requested a study of on-site support facilities at SA-2 surface-to-air-missile (SAM) sites. The purpose of the study was to determine

the pattern of a typical SA-2 SAM on-site sup-

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TYPICAL ON-SITE SUPPORT FACILITY

The typical on-site support facility at an SA-2 SAM site is used primarily for site personnel services, and consists of housing, administration, and storage facilities. The typical facility resembles the support area at Frunze SAM Site A33-2 (Figure 1), which contains one building 150 by 50 feet (possibly for storage), one building 85 by 50 feet (possible administration building), and four buildings 70 by 45 feet (possible quarters).

The functions and sizes of buildings in a typical on-site support facility do not vary much, but their position and number may differ considerably. Buildings are not always arranged in the same positions relative either to each other or to the launch area of the site. The number of buildings may vary with site location and number of personnel. Some sites which have been built in or near military or barracks areas do not have any buildings on

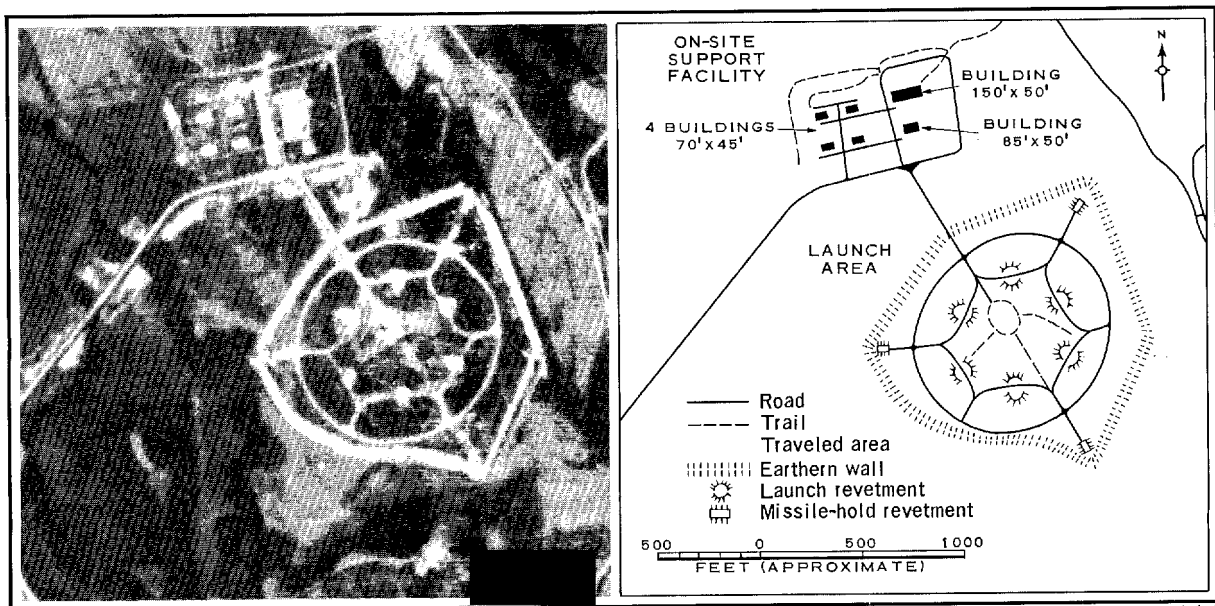


FIGURE 1. FRUNZE SAM SITE A33-2.

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site but probably use the facilities already present in these areas. At some SA-2 sites which are collocated with SA-3 SAM sites,

twice the number of on-site support buildings present in an area like that at Frunze SAM Site A33-2 have been observed.

VARIATIONS IN ON-SITE SUPPORT FACILITY

Two significant variations in the typical on-site support facility were observed as a result of the study. One variation is the presence of two additional buildings, usually located away from the rest of the support facilities and sometimes in a separately secured area. The other variation is the presence of a group of additional buildings, usually secured, near or adjacent to the launch area of the site and probably constituting a missile assembly and storage area.

An example of the first variation is the on-site support facility at Vladivostok SAM Site D25-2 (Figure 2). The launch area is secured and the site apparently is operational, having a full complement of guidance and

launch equipment; however, the missile-hold revetments are empty and apparently are not being used. The two additional support buildings are in a separately secured area situated immediately southeast of the launch area. A road connects the secured area with the launch area. The larger building, 135 by 45 feet and apparently flat roofed, appears to be road served at one side. This, plus the fact that the missile-hold revetments of the site are empty and apparently not in use, indicate that the building is probably used for missile-hold. Its size indicates that it could adequately hold ten missiles on their transporters. The other building is divided into two sections: a rectangular section 70 by 20

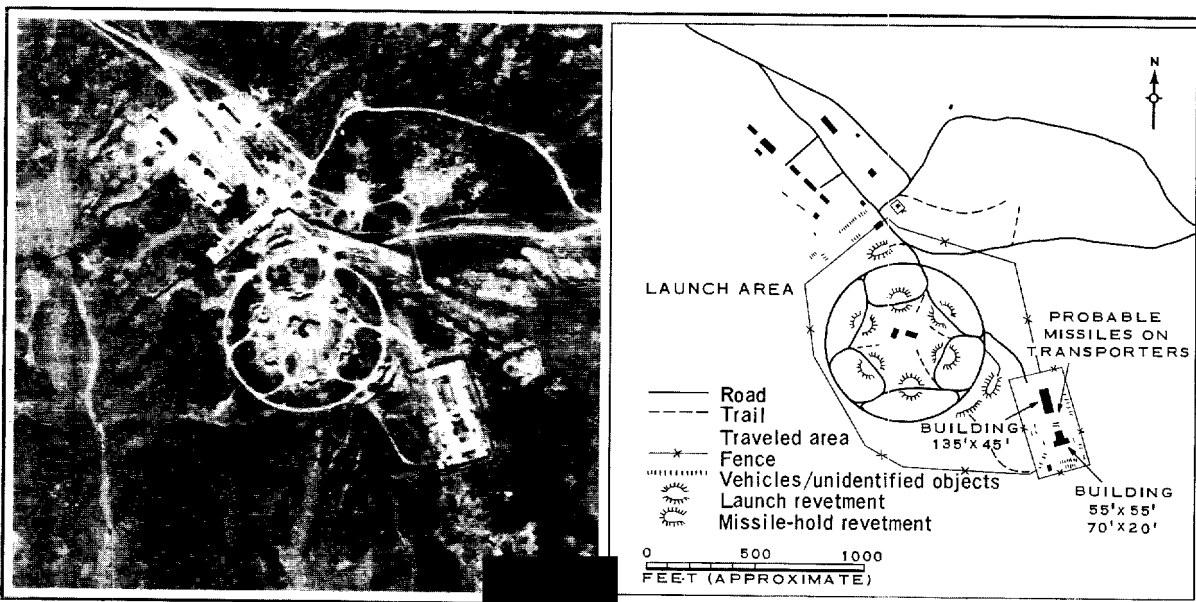


FIGURE 2. VLADIVOSTOK SAM SITE D25-2.

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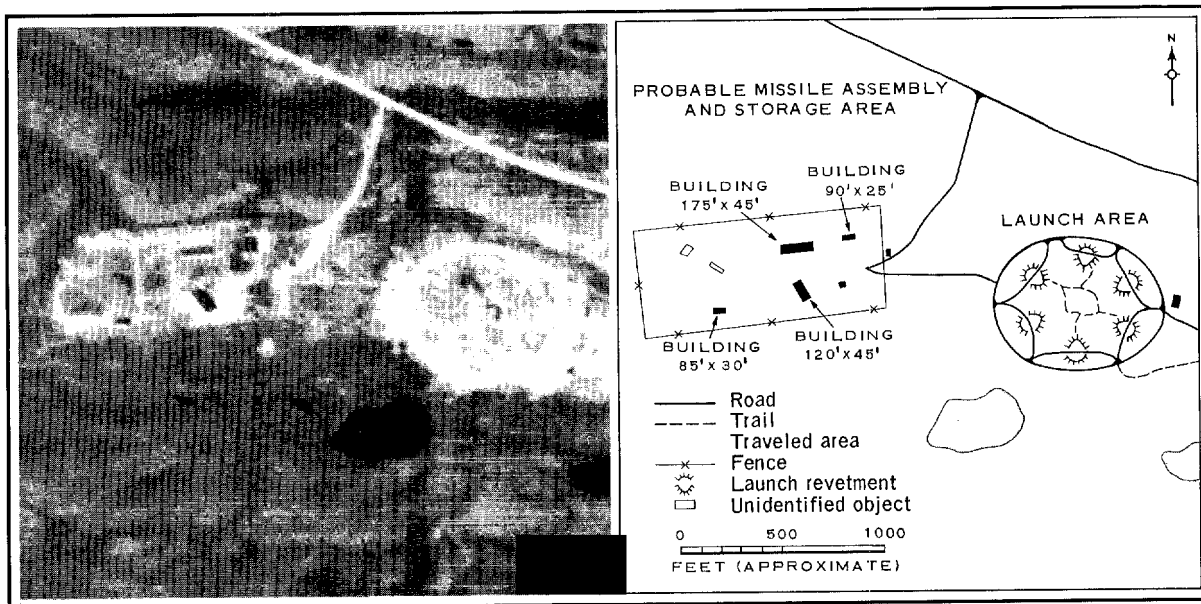


FIGURE 3. MURMANSK SAM SITE B06-2.

feet and a square section 55 by 55 feet with a slightly curved roof, and attached to one of the longer sides of the rectangular section. The building is road served on the side of the square section and is possibly used for maintenance. Also present in the secured area are 15 vehicles approximately 20 feet long, 2 probable missiles on transporters, and approximately 16 unidentified objects.

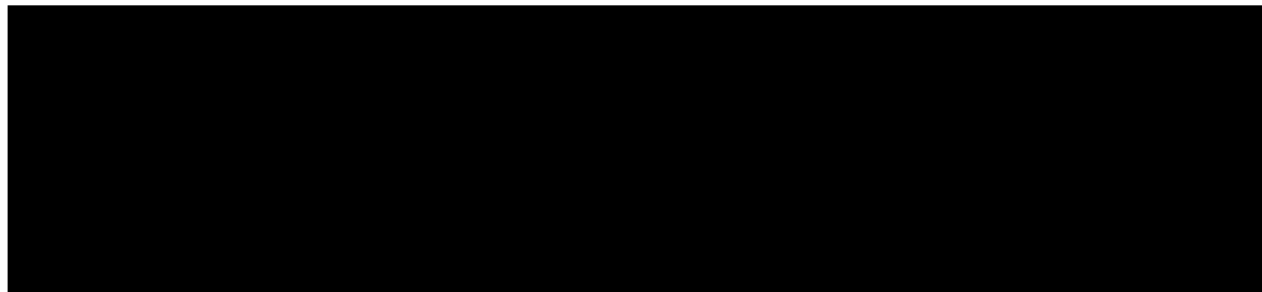
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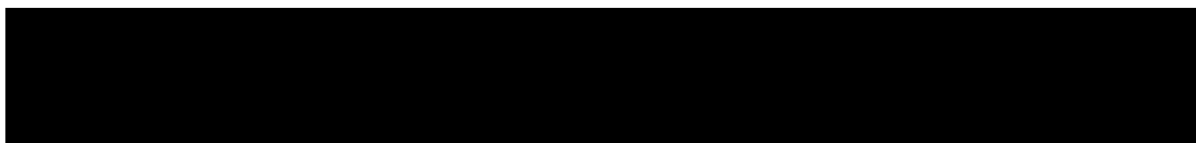
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REFERENCES

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MAPS OR CHARTS

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REQUIREMENT

CIA. C-RR4-81,071

NPIC PROJECT

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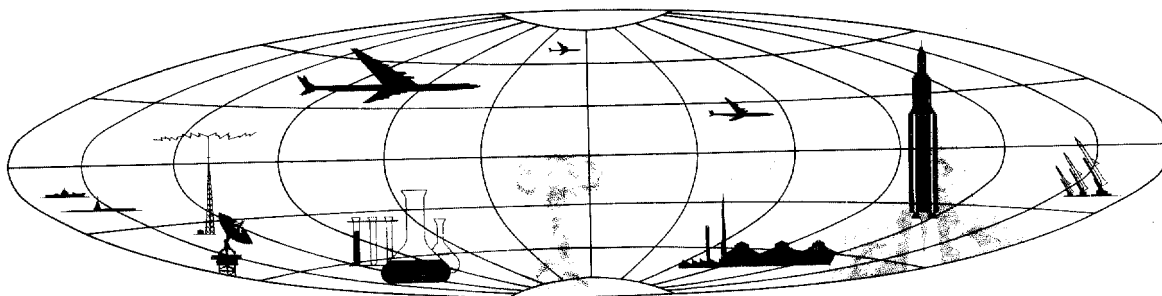
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